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cuneiform numerals, a piece of ancient Egyptian pottery with the zodiacal signs, Roman coins illustrating certain unusual forms in the ancient numeral system, some English tally sticks of 1296, two Renaissance comptus medals, and a celestial sphere of the sixteenth century.

The bibliographical curios include one of the few copies saved from the fire which destroyed most of the first edition of Libri's 'Histoire des Mathématiques' (Vol. I.), with Libri's autograph marginal notes. There are also autograph presentation copies of Laplace's 'Théorie des Probabilités' and of Halliwell's 'Rara Mathematica,' over a hundred unpublished autograph letters of Prince Boncompagni on the history of mathematics, numerous first or early editions of works by such writers as Newton, Descartes, Tartaglia, Cardan, Bombelli, Paciucolo, Euler and Barrow, a number of the earliest editions of Euclid, an unpublished French translation of Cantor's 'Mathematische Beiträge zum Kulturleben der Völker,' from the library of Chasles, and various similar works of bibliographical interest.

THE COMMITTEE OF ONE HUNDRED

At the meeting of Section I of the American Association for the Advancement of Science held in New York on December 29, 1906, Professor Irving Fisher, of Yale University, reported for the 'Committee of One Hundred' of which he is chairman. This committee was appointed in accordance with a vote of Section I at its meeting last July, in Ithaca, its purpose being to consider the best methods of securing the establishment of a national department or bureau of health. This vote was taken in consequence of a paper on this subject read at the Ithaca meeting by Professor J. P. Norton. There had been previous attempts to secure a national department of health, notably those of the American Medical Association, which for twenty years has reported favorably on the subject, but has been unable to secure a large interest in the project, outside of the medical profession. The present movement is not a medical movement, although the medical profession is fully

represented in it. The movement was endorsed on December 13 by the joint conference at Washington of the legislative committee of the American Medical Association and the National Council on Medical Legislation before which the first draft of a bill was read prepared by Representative Barchfeld to establish a national department of health. The following is the list of the committee of one hundred as at present constituted:

COMMITTEE OF ONE HUNDRED OF SECTION I. OF THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, APPOINTED TO CONSIDER METHODS OF ESTABLISHING A NATIONAL DEPARTMENT OF HEALTH

Appointed from the A. A. A. S.

Dr. Wm. H. Welch, pres. A. A. A. S. and of State Bd. of Health of Maryland; professor of pathology, Johns Hopkins University.

L. O. Howard, secretary of the A. A. A. S.; chief bureau of entomology, U. S. Dept. of Agric.

Professor Irving Fisher, chairman of the committee of 100, and of the Economic Section of A. A. A. S.; prof. of political economy, Yale University.

J. Franklin Crowell, Sec. of Economic Section of A. A. A. S.; Editor of *Wall Street Journal*.

Professor J. P. Norton, author of paper on national health department read before the American Association for the Advancement of Science, on the basis of which the committee was appointed; prof. of political economy, Yale University.

Professor James McKeen Cattell, editor, *SCIENCE*, the official organ of the A. A. A. S.; prof. of psychology, Columbia University.

Appointed from the United States Government.

Dr. Robert M. O'Reilly, surgeon general, U. S. Army.

Dr. P. M. Rixey, surgeon general, U. S. Navy.

Col. William C. Gorgas, sanitary officer, Isthmian Canal.

H. W. Wiley, chief, bureau of chemistry, Dept. of Agric.

Dr. Cressy L. Wilbur, chief statistician, Vital Statistics, U. S. Census.

A. C. True, director, office of experiment stations, Dept. of Agric.

Chas. P. Neill, commissioner of labor, Dept. Commerce and Labor.

James R. Garfield, chief bureau of corporations, Dept. Commerce and Labor.

Gifford Pinchot, chief forester, Dept. of Agric.
 Max J. Baehr, U. S. Consul, Cienfuegos, Cuba.
 A. D. Melvin, chief of bureau of animal industry, Dept. of Agric.

Amos P. Wilder, U. S. Consul, Hong Kong, China.

Gen. Leonard Wood, Gov. of Moro Province, Philippines.

Appointed from State and Local Governments.

Dr. A. C. Abbott, health officer of Philadelphia.
 Dr. Thos. Darlington, health officer of New York.

Dr. Alvah H. Doty, health officer, Dept. of Quarantine, N. Y.

Dr. John S. Fulton, sec. Maryland State Bd. of Health.

Professor Chas. Harrington, sec. Mass. State Bd. of Health; prof. hygiene, Harvard Medical School.

Dr. Charles D. Smith, State Bd. of Health, Portland, Me.; prof. physiology, Bowdoin College; supt. Maine Gen. Hospital.

Appointed from Medical and Hygienic Institutions and Associations.

Dr. Joseph Bryant, pres.-elect Amer. Med. Association.

Dr. Geo. H. Simmons, sec. Amer. Medical Association.

Dr. Chas. A. L. Reed, chairman Legislation Com. of Amer. Med. Association.

Dr. Hermann M. Biggs, pres. Nat. Assoc. for the Study and Prevention of Tuberculosis.

Professor Livingston Farrand, sec. Nat. Assoc. for Study and Prev. Tbc.

Dr. C. O. Probst, sec. Amer. Pub. Health Assoc. and Ohio State Bd. of Health.

Professor L. Emmett Holt, sec. Rockefeller Institution.

Dr. J. H. Kellogg, supt. Battle Creek Sanitarium.

Dr. E. L. Trudeau, Adirondack Cottage Sanitarium, Saranac Lake, N. Y.

Dr. Prince A. Morrow, pres. Amer. Soc. Sanitary and Moral Prophyl.

Dr. Dudley A. Sargent, pres. Boston Health League.

Dr. Luther H. Gulick, pres. Amer. Physical Education Society.

Appointed from Physicians and Hygienists.

Dr. Frank Billings, pres. Assoc. Amer. Physicians; prof. of medicine, Rush Medical College, Chicago.

Dr. Henry B. Favill, prof. of therapeutics, Rush Med. College.

Dr. P. M. Jones, ed. *Jour. California Med. Assoc.*

Professor E. O. Jordan, ed. *The Journal of Infectious Diseases*, Chicago.

Dr. Quitman Kohnke, formerly health officer, New Orleans, Covington, La.

Dr. Richard C. Newton, formerly ed. *Jour. N. J. Med. Assoc.*, Montclair, N. J.

Appointed from Other Associations and Institutions for Human Betterment.

Felix Adler, pres. Ethical Culture Assoc.

Miss Jane Addams, Hull House, Chicago, Ill.

C. Loring Brace, sec. Children's Aid Society.

Mrs. Melvil Dewey, sec. Lake Placid Conf. on Home Economics.

Professor S. M. Lindsay, sec. Nat. Child Labor Com.

E. R. L. Gould, pres. City and Suburban Homes Co.

Mrs. Ballington Booth, Volunteers of America.

Edw. T. Devine, gen. sec. Charity Organ. Soc., N. Y.

Rev. Josiah Strong, pres. Amer. Institute of Social Service.

John Graham Brooks, pres. Nat. Consumers' League.

Adna F. Weber, sec. Amer. Assoc. for Labor Legislation.

Professor Jeremiah W. Jenks, pres. Amer. Econ. Association.

Robert Treat Paine, pres. Amer. Peace Assoc.

Daniel C. Gilman, pres. Nat. Civil Service Reform League.

William R. George, 'George Junior Republic.'

Robert S. Woodward, pres. Carnegie Institution, Washington, D. C.

J. Eugene Whitney, sec. People's University Extension Soc., N. Y.

Austin G. Fox, chairman, Public Health Defense League.

Experts on Various Phases of Health Work.

Professor Francis G. Benedict, prof. of chemistry, Wesleyan University.

Dr. Jaques Loeb, prof. of physiology, Univ. of California.

Professor M. E. Jaffa, prof. of chemistry, Univ. of California.

Professor Ellen H. Richards, prof. of sanitary chemistry, Mass. Inst. of Technology.

Professor Franklin C. Robinson, prof. of chemistry, Bowdoin College.

Professor F. F. Wesbrook, prof. of pathology and bacteriology, Univ. of Minnesota.

Professor Sam'l H. Woodbridge, prof. of heating and ventilating, Mass. Inst. of Technology.

Appointed from Educational Institutions.

Pres. James B. Angell, pres. Univ. of Michigan.

Dr. J. S. Billings, librarian, Pub. Libraries, New York City.

Professor R. H. Chittenden, director, Sheff. Scientific Sch., Yale University.

Pres. Chas. W. Eliot, pres., Harvard University.

Pres. Arthur T. Hadley, pres., Yale University.

Pres. G. Stanley Hall, pres., Clark University.

Miss Hazard, pres., Wellesley College.

Booker T. Washington, supt., Tuskegee Inst.

Clergymen and Lawyers.

Rev. Lyman Abbott, ed. *The Outlook*.

Rev. W. G. Eliot, Portland, Oregon.

Rev. C. H. Fowler, M. E. Bishop, N. Y. City.

Rev. Edw. Everett Hale, Chaplain, U. S. Senate.

Rt. Rev. John Ireland, Archbishop of St. Paul.

Professor James B. Ames, Dean Harvard Law School.

Hon. Ben. B. Lindsey, Juvenile Court, Denver, Col.

Hon. John D. Long, Ex-Sec. of Navy; Ex-Gov. of Mass.

Hon. Wm. K. Townsend, Judge U. S. Circuit Court of Appeals.

Additional Members.

Professor Liberty H. Bailey, prof. of agriculture, Cornell University.

Luther Burbank, horticulturist, Santa Rosa.

Andrew Carnegie, philanthropist.

James H. Causey, health and political reform, Denver, Col.

Miss Grace H. Dodge, Working Girls' Clubs, New York City.

Thos. A. Edison, inventor.

Horace Fletcher, writer on health.

Professor Harry A. Garfield, prof. of politics, Princeton.

Professor Franklin H. Giddings, prof. sociology, Columbia University.

Professor C. R. Henderson, prof. of sociology, University of Chicago.

Mrs. Mary F. Henderson, writer on health.

John Mitchell, pres., United Mine Workers.

Melville E. Stone, gen. manager, Assoc. Press.

Talcott Williams, editor.

Michael Vincent O'Shea, prof. of education, Univ. of Wisc., Madison, Wisc.

Certainly if eminence and determination count for much, the committee as above enumerated ought to succeed. The committee consists of persons of large influence, including, as it does, such men as President Eliot, of Harvard University, Professor Welch, president of the American Association for the Advancement of Science, Mr. Andrew Car-

negie, Mr. Thos. Edison, Luther Burbank, Gen. Leonard Wood, Dr. L. Emmett Holt, Dr. Trudeau, Felix Adler, Jane Addams, Lyman Abbott, Archbishop Ireland, etc. The few who have been compelled to decline membership on the committee have in almost every case expressed their approval of its objects. Thus ex-President Grover Cleveland wrote: "I hope I need not say to you that I am in complete sympathy with the aims and purposes of this organization." In somewhat the same manner Dr. Andrew D. White, former president of Cornell University and Ambassador to Germany and Russia wrote: "The paper enclosed from Dr. Norton seems to me masterly and thoroughly well adapted to its admirable purpose. I need hardly say that I am in entire sympathy with your movement."

Professor Fisher is now engaged in selecting a sub-executive committee which will draft a bill for congress and plan the future campaign. The committee of one hundred is not as yet pledged to support any particular form of organization for the proposed department or bureau of health, and its first duty will be to decide whether it is advisable to attempt to secure a department with a cabinet officer at its head or a bureau under one of the existing departments.

SCIENTIFIC NOTES AND NEWS

PROFESSOR DIMITRI IVANOVITCH MENDELEEF, the eminent chemist, director of the Russian Bureau of Weights and Measures, died at St. Petersburg on February 2, at the age of seventy-three years.

SIR MICHAEL FOSTER, professor of physiology at Cambridge from 1883 to 1903, secretary of the Royal Society from 1881 to 1903, president of the British Association in 1899, and member of parliament for London University, died on January 29, at the age of seventy-one years.

THE French government has made Professor Simon Newcomb, U. S. A. (retired), commander of the Legion of Honor.

A BILL has been reported in the senate promoting to be major-surgeon in the army Dr. James Carroll, curator of the Army Medical Museum and professor of pathology in George